

ABSTRACT

Equipment for continuous, horizontal casting of metal, in particular aluminum. The equipment includes an insulated reservoir or pool (2), which is designed to contain liquid metal, and a mold (3), which can be removed from the pool (2). An insulating plate (19) is provided with holes (25, 26) which communicate with the mold. The mold (3) includes a preferably circular cavity (17) defined by a wall (12, 13) of permeable material for the supply of oil and at least one annular slit or nozzle (16) arranged along the circumference of the cavity for the direct supply of coolant. In addition to the oil, gas can be supplied through the permeable material (12, 13) and annuli (20) are arranged between the permeable wall material and the mold housing (8) to distribute the gas/oil to the wall material. The annuli (20) is divided into sectors using plugs or similar restrictions (21) and are supplied with oil/gas via separate supply channels (10, 11) for each sector, thus making it possible to differentiate the supply of oil/gas around the circumference of the casting piece.